

AMENDMENTS TO THE CLAIMS

1. (Original) Apparatus microfabricated for performing cell growth and cell based assays in a liquid medium, said apparatus comprising:

a) a base plate supporting a plurality of micro-channel elements, each comprising a cell growth chamber, an inlet channel for supplying liquid sample thereto and an outlet channel for removal of liquid sample therefrom;

b) a cover plate positioned over said base plate said cover plate extending over said elements so as to define said chambers and connecting channels; said cover plate being supplied with holes to provide access to said channels;

c) means, incorporated in said cell growth chambers, for cell growth, for cell attachment and cell growth.

Claims 2-19 (Canceled)